

Customer Name: CT Pharmaceutical Solutions

Customer Address: 47 Lower Main St.

Portland, CT 06480

Phone Number: 860-740-4340

Results issued on: 5/12/2021 COA No.: 89051221-A

Client Lot Number	Sample ID	Tests Conducted
HSH011121	8135-1	Quality Control Analysis
	8135-2	
	8135-2	Active Ingredient Analysis
	8135-2	Terpene Analysis

Quality Control Results

<u>Test</u>	<u>Test Conducted</u>	<u>Specification</u>	<u>Results (Pass/Fail)</u>
Microbiology	Total Aerobic Microbial Count	< 10 ⁶ CFU/g	Passed
	Total Yeast and Mold Count	< 10 ⁴ CFU/g	Passed
	Gram-negative Bacteria	< 10 ² CFU/g	Passed
	<i>E. coli</i> (pathogenic strains)	Not Detected in 1 gram	Passed
	<i>Salmonella</i>	Not Detected in 1 gram	Passed
Mycotoxins	Aflatoxin B1	< 20 ug/Kg	Passed
	Aflatoxin B2	< 20 ug/Kg	Passed
	Aflatoxin G1	< 20 ug/Kg	Passed
	Aflatoxin G2	< 20 ug/Kg	Passed
	Ochratoxin A	< 20 ug/Kg	Passed
Heavy Metals	Arsenic - As	< 4.206 ug/g	Passed
	Cadmium - Cd	< 2.704 ug/g	Passed
	Mercury - Hg	< 8.712 ug/g	Passed
	Lead - Pb	< 8.712 ug/g	Passed

Active Ingredient Results

via High Performance Liquid Chromatography (HPLC)

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: HSH011121

Cannabinoid	Dry-weight percent (w/w)
Δ^9 -Tetrahydrocannabinol Acid (Δ^9 -THC-A)	32.7%
Δ^9 -Tetrahydrocannabinol (Δ^9 -THC)	0.15%
Cannabidiol Acid (CBD-A)	<0.10%
Cannabidiol (CBD)	<0.10%
Cannabigerol Acid (CBG-A)	0.94%
Cannabigerol (CBG)	0.25%
Cannabinol (CBN)	<0.10%
Cannabichromene (CBC)	<0.10%
Tetrahydrocannabivarin (THCV)	<0.10%
Cannabidivarin (CBDV)	<0.10%

Moisture Content (% w/w)
11.0%

Dry-weight percent cannabinoid content = wet-weight percent cannabinoid / (1 – percent moisture / 100)

“Wet-weight” means the weight of the sample as it was collected from facility.

Terpene Content Results

via Gas Chromatography Mass Spectrometry (GC-MS)

Terpene	Percent by weight (w/w)
α -Pinene	0.18%
β -Pinene	<0.10%
β -Myrcene	0.60%
Limonene	0.11%
Ocimene	<0.10%
Linalool	<0.10%
β -Caryophyllene	0.20%
Humulene	<0.10%



Results Approved by
Jose A. Zavaleta, Lab Director



CoA Reviewed by
Ewelina Pliszka, Lab Supervisor

©2017 AltaSci, LLC All rights reserved. Sample(s) tested were collected at the Customer's production facility from lot(s) as designated by the Customer. All results contained in this Certificate of Analysis, CoA, only reflect the "status" of the sample(s) tested. AltaSci, LLC does not guarantee that the "status" of the sampled lot(s) will not change due to any processing by the Customer following the testing by AltaSci, LLC

Client Lot Number: HS011121